

We claim:

1. A device for registering the position of a rotor part in a transport system also having a static part in addition to the rotor part, comprising a dimensional standard forming part of the rotor part, and a plurality of transmitters provided on the static part.

2. The position registering device according to claim 1, wherein said plurality of transmitters are arranged along a position coordinate line of a position coordinate.

3. The position registering device according to claim 2, wherein respective pairs of said plurality of transmitters arranged successively along said position coordinate line have at least approximately the same mutual spacing.

4. The position registering device according to claim 1, wherein said spacing between two successive transmitters along said position coordinate line is at most equal to the length of said dimensional standard.

5. The position registering device according to claim 1, wherein said transmitters are magnetic field detectors, and said dimensional standard has a magnetic pattern.

6. The position registering device according to claim 1, wherein said transmitters are optical detectors, and said dimensional standard has a pattern for causing a variation in intensity of incident light.

7. The position registering device according to claim 2, wherein at least one of said transmitters serves for generating an output signal, which, at least on an interval of said position coordinate, in an environment around said one transmitter, is a monotonic function of said position point of said dimensional standard.

8. The position registering device according to claim 7, wherein said interval has a given length of said position coordinate of said dimensional standard for which, when said position point of said dimensional standard is in said interval, at least a first one of said transmitters serves for generating a first output signal, and at least a second one of said transmitters, which follows said first transmitter, serves for generating a second output signal.

9. The position registering device according to claim 8, wherein said first transmitter is surrounded by an environment wherein said first interval is located and from which said position point of said second transmitter is absent, and said second transmitter is surrounded by an environment wherein

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said first interval is located and from which said position point of said first transmitter is absent.

10. The position registering device according to claim 1, including a transmitter selected from the group thereof consisting of at least one reference pulse transmitter and at least one absolute transmitter.

11. The position registering device according to claim 10, wherein, respectively, two reference pulse transmitters arranged along said position coordinate line have at least approximately the same mutual spacing.

12. The position registering device according to claim 11, wherein said spacing between two successive reference pulse transmitters, respectively, along said position coordinate line is at most equal to the spacing between two successive transmitters.

13. The position registering device according to claim 1, wherein a first position point of said position coordinate of said dimensional standard coincides with a second position point of said position coordinate of said dimensional standard.

14. The position registering device according to claim 13, wherein two successive transmitters, respectively, a transmitter with a minimum index and a transmitter with a maximum index have at least approximately the same mutual spacing.

15. The position registering device according to claim 13, wherein two successive reference transmitters, respectively, a reference transmitter with a minimum index and a reference transmitter with a maximum index have at least approximately the same mutual spacing.

16. A printing unit having a device for registering the position of a rotor part in a transport system also having a static part in addition to the rotor part, comprising a dimensional standard forming part of the rotor part, and a plurality of transmitters provided on the static part.

17. A printing machine including a printing unit having a device for registering the position of a rotor part in a transport system which also has a static part in addition to the rotor part, comprising a dimensional standard forming part of the rotor part, and a plurality of transmitters provided on the static part.

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18. A printing machine comprising a feeder, at least one printing unit, a unit selected from the group consisting of a delivery unit and a post-processing unit, and at least one transport system having a device for registering the position of a rotor part in said transport system, said transport system also having a static part in addition to said rotor part, and including a dimensional standard forming part of said rotor part, and a plurality of transmitters provided on said static part.

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